

## Electronic Patent Application Fee Transmittal

|   |                        |                 |               |                             |
|---|------------------------|-----------------|---------------|-----------------------------|
| <b>Application Number:</b>              | 10696525               |                 |               |                             |
| <b>Filing Date:</b>                     | 29-Oct-2003            |                 |               |                             |
| <b>Title of Invention:</b>              | Memory pumping circuit |                 |               |                             |
| <b>First Named Inventor:</b>            | Chieng-Chung Chen      |                 |               |                             |
| <b>Filer:</b>                           | Anthony R Barkume      |                 |               |                             |
| <b>Attorney Docket Number:</b>          | 500-004                |                 |               |                             |
| Filed as Large Entity                   |                        |                 |               |                             |
| <b>Utility      Filing Fees</b>         |                        |                 |               |                             |
| <b>Description</b>                      | <b>Fee Code</b>        | <b>Quantity</b> | <b>Amount</b> | <b>Sub-Total in USD(\$)</b> |
| <b>Basic Filing:</b>                    |                        |                 |               |                             |
| Utility application filing              | 1011                   | 1               | 300           | 300                         |
| Utility Search Fee                      | 1111                   | 1               | 500           | 500                         |
| Utility Examination Fee                 | 1311                   | 1               | 200           | 200                         |
| <b>Pages:</b>                           |                        |                 |               |                             |
| <b>Claims:</b>                          |                        |                 |               |                             |
| <b>Miscellaneous-Filing:</b>            |                        |                 |               |                             |
| <b>Petition:</b>                        |                        |                 |               |                             |
| <b>Patent-Appeals-and-Interference:</b> |                        |                 |               |                             |

| Description                       | Fee Code | Quantity | Amount | Sub-Total in USD(\$) |
|-----------------------------------|----------|----------|--------|----------------------|
| Post-Allowance-and-Post-Issuance: |          |          |        |                      |
| Extension-of-Time:                |          |          |        |                      |
| Miscellaneous:                    |          |          |        |                      |
| Total in USD (\$)                 |          |          |        | 1000                 |